



m - #3/A Sector #  
Box 866  
PATENTS  
5/3/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Sacha Adrianus Fokke Taco VAN HIJUM et al. CONFIRMATION NO. 2951

Serial No. 09/995,587

GROUP 1652

Filed November 29, 2001

NOVEL FRUCTOSYLTRANSFERASES

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of December 28, 2001,  
please amend the above-identified application as follows:

IN THE SPECIFICATION:

Replace the paragraph beginning at page 4, line 7, with  
the following rewritten paragraph:

A1  
--Certain putative functions based on the alignment and  
site-directed mutagenesis studies can be ascribed to several  
amino acids of the novel inulosucrase. Asp-263, Glu-330, Asp-415,  
Glu-431, Asp-511, Glu-514, Arg-532 and/or Asp-551 of the amino  
acid sequence of SEQ ID No. 1 are identified as putative  
catalytic residues. Noteworthy, a hydrophobicity plot according  
to Kyte and Doolittle (1982) J. Mol. Biol. 157, 105-132 suggests  
that the novel inulosucrase contains a putative signal sequence  
according to the Von Heijne rule. The putative signal peptidase  
site is located between Gly at position 21 and Ala at position